Inventor(s): Jiangen Cao ARC-P120 1/12

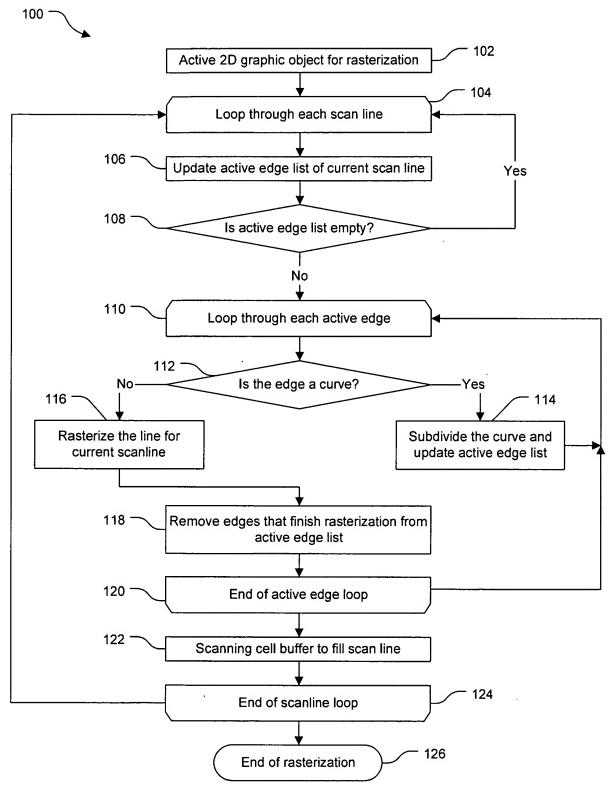


Fig. 1

Inventor(s): Jiangen Cao ARC-P120 2/12

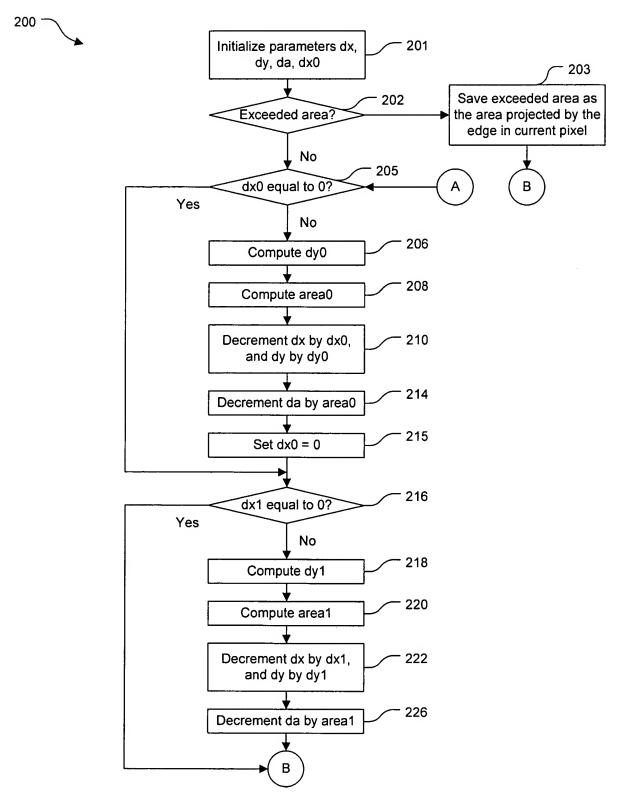


Fig. 2A

Inventor(s): Jiangen Cao ARC-P120 3/12

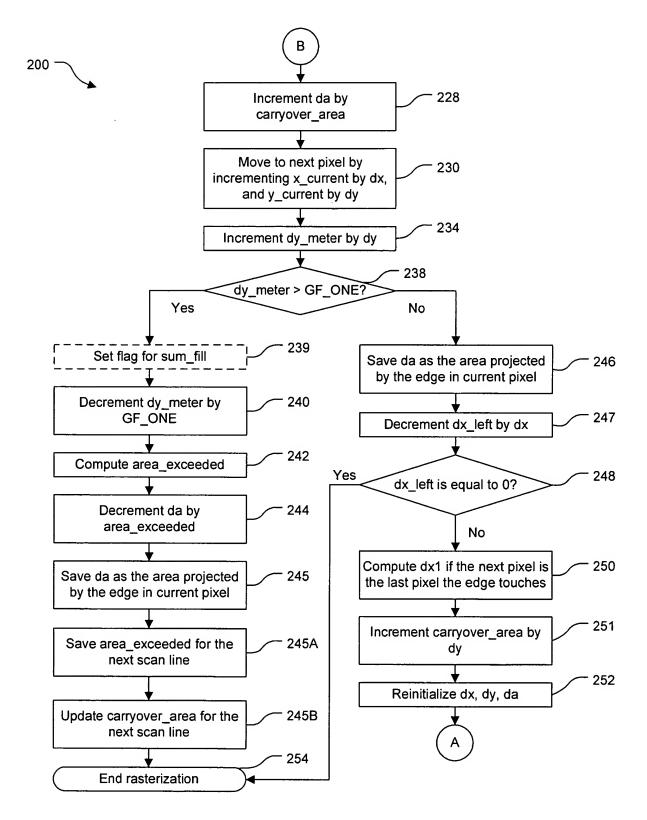
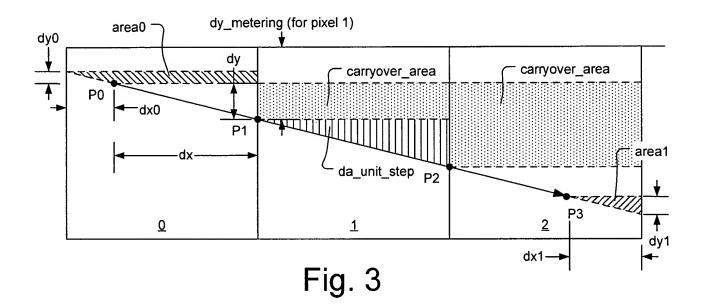


Fig. 2B

Inventor(s): Jiangen Cao ARC-P120 4/12



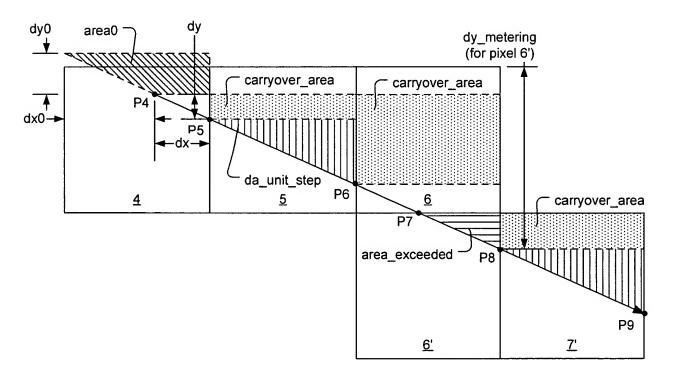


Fig. 4

Inventor(s): Jiangen Cao ARC-P120 5/12

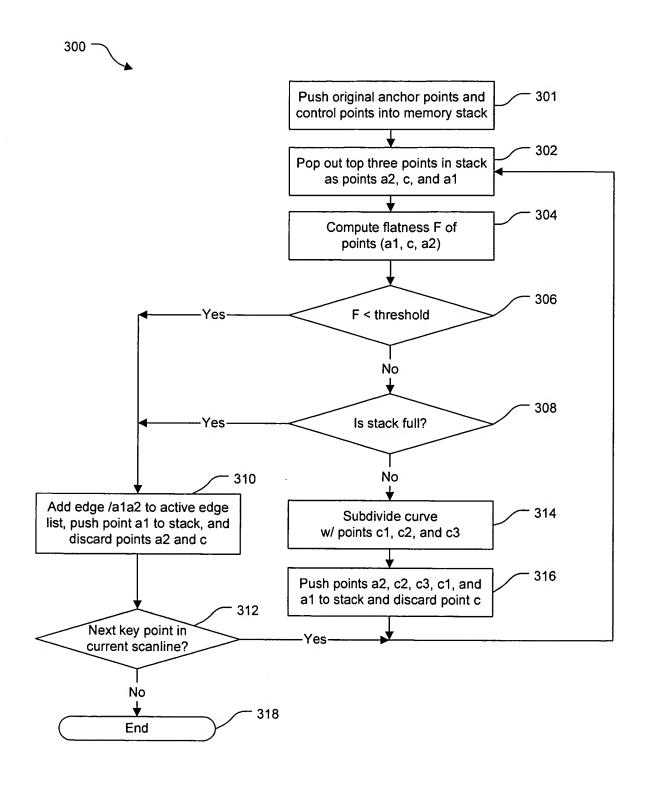


Fig. 5

Inventor(s): Jiangen Cao ARC-P120 6/12

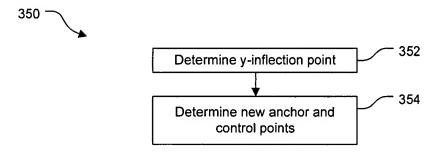


Fig. 6

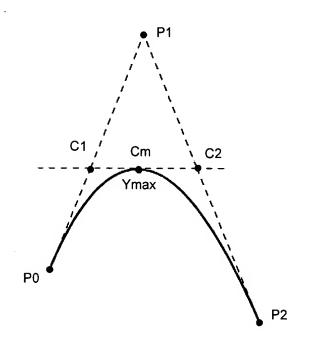
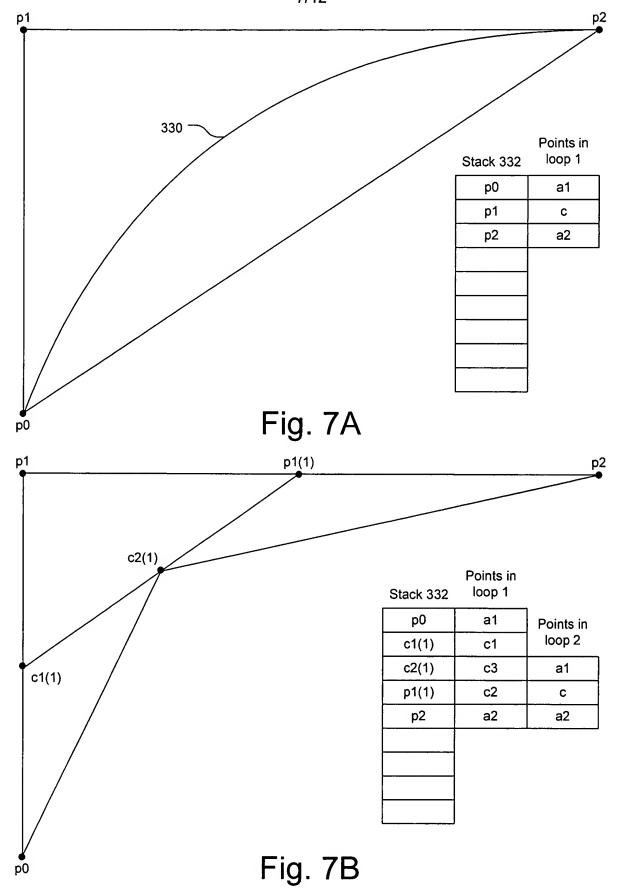


Fig. 6A

Inventor(s): Jiangen Cao ARC-P120 7/12



Inventor(s): Jiangen Cao ARC-P120 8/12

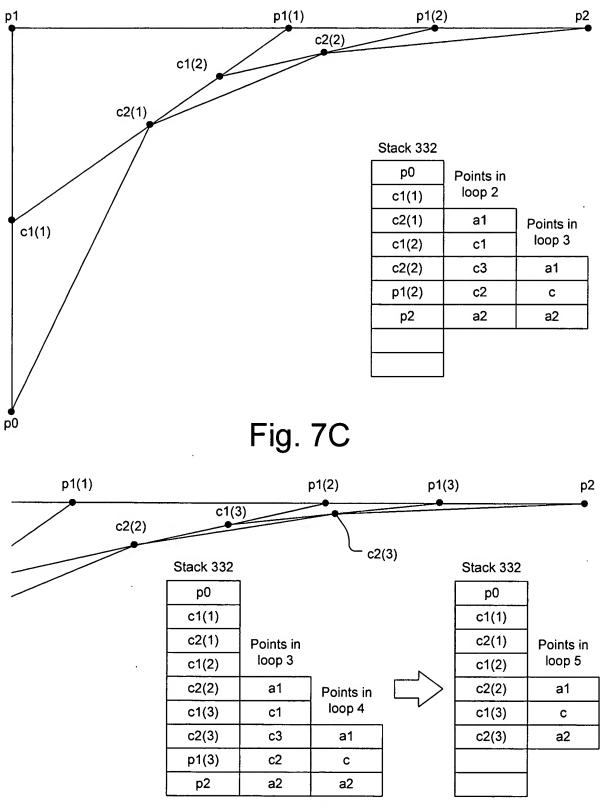


Fig. 7D

Inventor(s): Jiangen Cao ARC-P120 9/12

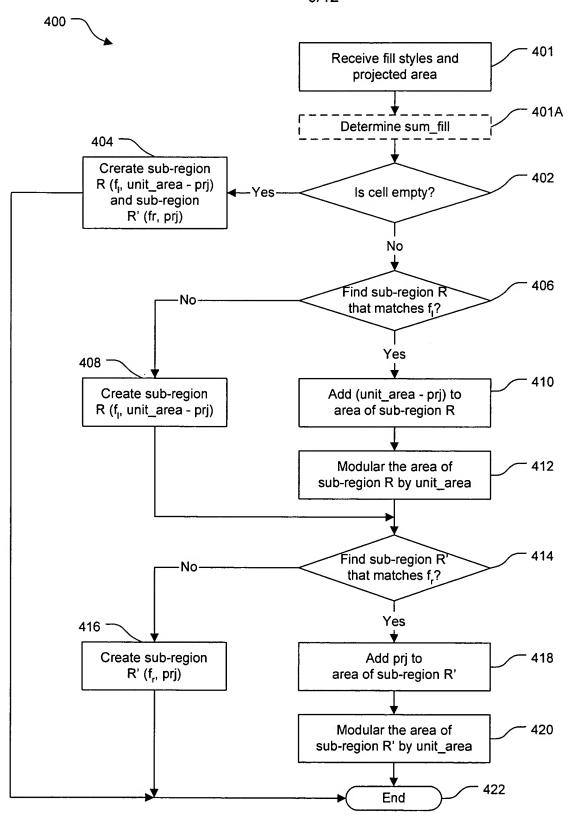
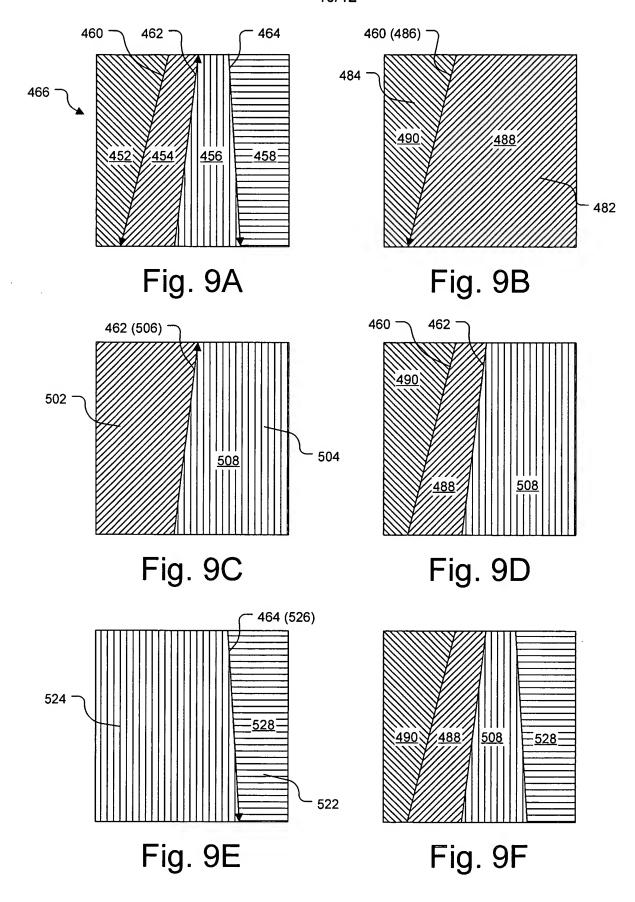
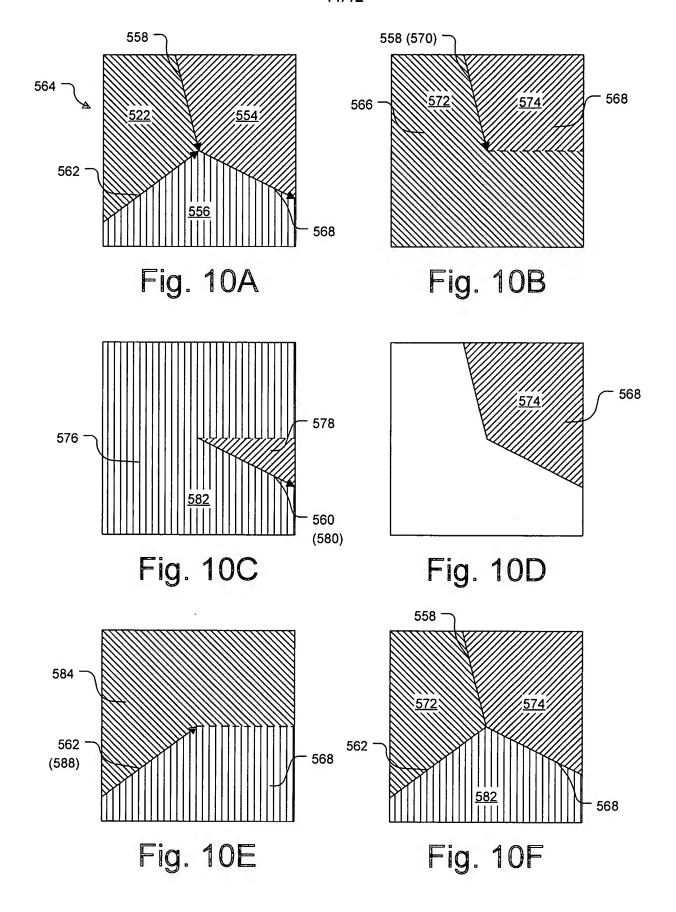


Fig. 8

Inventor(s): Jiangen Cao ARC-P120 10/12



Inventor(s): Jiangen Cao ARC-P120 11/12



Inventor(s): Jiangen Cao ARC-P120 12/12 401A 614 615 Flag for sum\_fill set? Yes $sum_fill += (f_r - f_i)$ 616 sum\_fill += 0 No Fig. 11A 602 600 Sub-pixel regions? -No-606 Yes 610 604 Fill pixel with fa fill sytle Next pixel cell fa += sum\_fill 608 Last pixel cell? No Yes 612 End Fig. 11B 1 2 3 4 5 6 8 - 632B 624 628 618 f0 f1 1 f0 f0 f0 626 630 632A 630 7 f0, a0 f1, a2 f2, a5 f3, a8 f1, a1 f0, a3 f0, a9 f0, a6 f2, a4 f3, a7 sum fill sum\_fill sum\_fill sum fill = f1= f2 - f1= 60 - 62= 0fa = f1 fa = f1 fa = f1 fa = f2fa = f2fa = f0fa = f0fa = f0

Fig. 12